

## EAST Search History

| Ref # | Hits | Search Query       | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------|---|------------------|---------|------------------|
| S2    | 2    | ("5878147").PN.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/06/15 16:35 |
| S3    | 2    | ("6075869").PN.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/16 11:31 |
| S4    | 2    | ("6134334").PN.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/16 11:34 |
| S5    | 204  | (381/313).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/11/29 15:07 |
| S6    | 562  | (381/355).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/18 09:31 |
| S8    | 44   | S6 and ("wind")    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/18 09:41 |
| S9    | 15   | S6 and ("conduit") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/18 10:13 |
| S10   | 222  | (381/356).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/18 10:13 |

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|     |      |                          |   |    |     |                  |
|-----|------|--------------------------|---|----|-----|------------------|
| S11 | 553  | (381/356,357).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/18 12:09 |
| S12 | 2242 | "directional microphone" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 12:09 |
| S13 | 587  | (381/337,338).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/29 17:32 |
| S14 | 93   | (381/358,359).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/29 17:37 |
| S15 | 174  | (381/369).CCLS.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/29 17:42 |
| S16 | 284  | (381/170,171).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/29 17:48 |
| S19 | 2327 | "directional microphone" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/29 17:49 |
| S20 | 368  | S19 and("diaphragm")     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/30 07:49 |

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|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S24 | 2327   | "directional microphone"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/30 07:51 |
| S25 | 65     | S24 and("conduit")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/30 07:51 |
| S29 | 146010 | "microphone"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/02 08:46 |
| S30 | 54     | S29 and("differential transducer")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/02 08:46 |
| S31 | 2      | ("3835263"   "3836732").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/12/02 08:48 |
| S32 | 304    | killion.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/02 13:21 |
| S34 | 10     | killion-mead.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/02 13:24 |
| S35 | 222    | (381/356).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/02 16:16 |
| S36 | 7      | ("3835263"   "3836732"   "3909556"<br>  "4051330"   "4142072"  <br>"5933510"   "6151399").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/12/02 13:57 |

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|     |       |                          |   |    |    |                  |
|-----|-------|--------------------------|---|----|----|------------------|
| S37 | 13496 | carlson.in.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/02 13:58 |
| S38 | 138   | S37 and("microphone")    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/02 13:58 |
| S39 | 2330  | "directional microphone" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/02 16:17 |
| S40 | 62    | S39 and("roll-off")      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/02 16:38 |
| S41 | 49    | S40 and("dB")            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/02 16:38 |
| S42 | 2480  | "directional microphone" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 08:42 |
| S43 | 69    | S42 and("conduit")       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 10:25 |
| S44 | 263   | S42 and("wind")          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 10:31 |

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|     |      |                          |   |    |    |                  |
|-----|------|--------------------------|---|----|----|------------------|
| S45 | 2    | "20050008181"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 10:34 |
| S46 | 0    | "7068805"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 10:34 |
| S47 | 109  | "inertance tube"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 14:27 |
| S48 | 2480 | "directional microphone" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 14:29 |
| S49 | 0    | S48 and("thuras tube")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 14:30 |
| S50 | 2    | S48 and("thuras")        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 14:30 |
| S51 | 24   | "thuras tube"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 15:00 |
| S52 | 23   | "3588383"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/13 15:00 |

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|     |     |                 |   |    |     |                  |
|-----|-----|-----------------|---|----|-----|------------------|
| S53 | 234 | (381/356).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/15 16:35 |
|-----|-----|-----------------|---|----|-----|------------------|